| L Number       | Hits | Search Text  | DB        | Time stamp       |
|----------------|------|--|-----------|------------------|
| 37             | 6    | (optic\$3 near3 switch\$3) near5 (non-block\$3 or    | USPAT:    | 2003/10/29 13:06 |
| "              |      | non\$1block\$3) and "4x4"                            | US-PGPUB; | 2003/10/27 13.00 |
| }              |      | 1.5.1412106145/ 0110 17.1                            | EPO; JPO; |                  |
|                |      |  | DERWENT;  |                  |
|                |      | <u> </u>   | IBM_TDB   |                  |
| 38             | 91   | (optic\$3 near3 switch\$3) near5 (non-block\$3 or    | USPAT:    | 2003/10/29 13:07 |
| 36             | 91   | non\$1block\$3) and (("4x4") or ("4.times.4"))       | US-PGPUB; | 2003/10/29 13:07 |
| ! !            |      | 11011\$1010CK\$3) and (( 4x4 ) 01 ( 4.011163.4 ))    | EPO; JPO; |                  |
| ]              |      |  | DERWENT;  |                  |
| i i            |      | İ  | IBM_TDB   |                  |
| 39             | 30   | l<br>; (optic\$3 near3 switch\$3 near3 matrix) near5 | USPAT;    | 2003/10/29 13:11 |
| 33             | 30   | (non-block\$3 or non\$1block\$3) and (("4x4") or     | US-PGPUB; | 2003/10/29 13.11 |
| i l            |      | ("4.times.4"))                                       | EPO; JPO; | i                |
| i l            |      | ( 4.times.4 ))                                       | DERWENT;  |                  |
|                |      |  | IBM TDB   |                  |
| 42             | 10   | i<br>j (optic\$3 near3 switch\$3 near3 matrix) near5 | USPAT:    | 2003/10/29 13:45 |
| 142            | 19   | (non-block\$3 or non\$1block\$3) and (("4x4") or     |           | 2003/10/29 13:43 |
| 1              |      |  | US-PGPUB; |                  |
|                |      | ("4.times.4")) and (("8x8") or ("8.times.8"))        | EPO; JPO; | į                |
| į l            |      |  | DERWENT;  |                  |
| 45             | 1420 | 205/17   | IBM_TDB   | 2002/10/20 12:45 |
| 43             | 1420 | 385/17   | USPAT;    | 2003/10/29 13:45 |
|                |      |  | US-PGPUB; |                  |
|                |      |  | EPO; JPO; |                  |
| ĺ              |      |  | DERWENT;  | ĺ                |
| 16             | 2024 | 305/16   | IBM_TDB   | 2002/10/20 12:45 |
| 46             | 3034 | 385/16   | USPAT;    | 2003/10/29 13:45 |
| ĺ              |      |  | US-PGPUB; | 1<br>1           |
| ]              |      |  | EPO; JPO; |                  |
|                |      |  | DERWENT;  | !<br>            |
| 1 47           | 472  | 395/10   | IBM_TDB   | 2002/10/20 12:45 |
| 47             | 473  | 385/19   | USPAT;    | 2003/10/29 13:45 |
| ĺ              |      |  | US-PGPUB; |                  |
| † 1            |      |  | EPO; JPO; | ļ                |
| 1              |      |  | DERWENT;  |                  |
| 48             | 1222 | 205/10   | IBM_TDB   | 2002/40/20 42:45 |
| <sup>148</sup> | 1323 | 385/18   | USPAT;    | 2003/10/29 13:45 |
| ! !            |      |  | US-PGPUB; | [                |
|                |      |  | EPO; JPO; |                  |
| i i            |      |  | DERWENT;  |                  |
| 49             | 4537 | 395/34   | IBM_TDB   | 2002/10/20 12:40 |
| 47             | 4537 | 385/24   | USPAT;    | 2003/10/29 13:46 |
| i              |      |  | US-PGPUB; |                  |
| ! !            | j    |  | EPO; JPO; |                  |
| 1 1            |      |  | DERWENT;  |                  |
| 50             | 3007 | 30E/31   | IBM_TDB   | 2002/10/20 12:45 |
| ا ا            | 3007 | 385/31   | USPAT;    | 2003/10/29 13:46 |
|                |      |  | US-PGPUB; |                  |
| ! !            | Ī    |  | EPO; JPO; |                  |
| <u> </u>       | i    |  | DERWENT;  | 1                |
| i i            | 1004 | 305/17   | IBM_TDB   | 2002/12/05 00 20 |
| i - I          | 1094 | 385/17   | USPAT;    | 2002/12/05 09:39 |
|                | İ    |  | US-PGPUB; |                  |
| į į            | i    |  | EPO; JPO; |                  |
|                |      |  | DERWENT;  |                  |
|                | 2542 | 20545  | IBM_TDB   |                  |
| -              | 2513 | 385/16   | USPAT;    | 2002/12/04 14:39 |
| į              |      |  | US-PGPUB; |                  |
| į į            | ĺ    |  | EPO; JPO; |                  |
| i i            | i    |  | DERWENT;  | İ                |
|                |      |  | IBM_TDB   |                  |

| -        | j 559 | 385/17 and 385/16                                   | USPAT;              | 2002/12/04 14:39 |
|----------|-------|---|---------------------|------------------|
|          |       |   | US-PGPUB;           |                  |
| 1        | )     |   | EPO; JPO;           |                  |
|          |       |   | DERWENT;            |                  |
| i _      | 3048  | 385/17 or 385/16                                    | IBM_TDB<br>USPAT;   | 2002/12/04 14:39 |
| 1        | 3046  | 363/17 01 363/16                                    | US-PGPUB;           | 2002/12/04 14.39 |
|          |       |   | EPO; JPO;           |                  |
| 1        |       |   | DERWENT;            |                  |
|          |       |   | IBM TDB             |                  |
| !        | 0     | (385/17 or 385/16) and input and output and         | USPAT;              | 2002/12/04 14:40 |
|          |       | matrix and (crosss-bar or pl-loss) and              | US-PGPUB;           | 2002/12/01 14:40 |
| 1        |       | (semiconductor near4 optic\$3)                      | EPO; JPO;           |                  |
|          |       | (componential near reprieta)                        | DERWENT;            |                  |
| Ī        |       |   | IBM_TDB             |                  |
| -        | 4     | (385/17 or 385/16) and input and output and         | USPAT;              | 2002/12/04 14:43 |
| i        |       | matrix and (crosss-bar or pi-loss) and              | US-PGPUB;           |                  |
|          | 1     | (semiconductor near4 optic\$3)                      | EPO; JPO;           |                  |
|          |       | , , ,   | DERWENT;            |                  |
|          | 1     |   | IBM_TDB             |                  |
| 1 -      | 3     | ((385/17 or 385/16) and input and output and        | USPAT;              | 2002/12/05 09:39 |
|          |       | matrix and (crosss-bar or pi-loss) and              | US-PGPUB;           |                  |
|          |       | (semiconductor near4 optic\$3)) and (multiplex\$4   | EPO; JPO;           |                  |
|          |       | or demultiplex\$4)                                  | DERWENT;            | İ                |
|          |       |   | IBM_TDB             |                  |
| -        | 6     | (385/17 or 385/16) and (matrix near3 switch\$3)     | USPAT;              | 2002/12/05 10:10 |
| !        |       | and input and output and (auxiliary near3 (input or | US-PGPUB;           |                  |
|          | i     | port or output))                                    | EPO; JPO;           | ļ                |
|          |       |   | DERWENT;            |                  |
|          |       |   | IBM_TDB             |                  |
| i -      | 0     |   | USPAT               | 2002/12/05 09:58 |
| ļ -      | 74    | (385/17 or 385/16) and (matrix near3 switch\$3)     | USPAT;              | 2002/12/05 10:11 |
| 1        |       | and ((expand or increase) near5 (input or output    | US-PGPUB;           |                  |
| ļ        |       | or port))   | EPO; JPO;           |                  |
| į        |       |   | DERWENT;<br>IBM TDB |                  |
| ! _      | 124   | (385/17 or 385/16) and (matrix near3 switch\$3)     | USPAT;              | 2002/12/05 10:16 |
| 1        | 124   | and ((expand\$3 or increas\$3) near5 (input or      | US-PGPUB;           | 2002/12/03 10.16 |
| !        | 1     | output or port))                                    | EPO; JPO;           |                  |
|          |       |   | DERWENT;            |                  |
| 2        | L.    |   | IBM TDB             |                  |
| -        | 2     | ((385/17 or 385/16) and (matrix near3 switch\$3)    | USPAT;              | 2002/12/05 10:21 |
| i        |       | and ((expand\$3 or increas\$3) near5 (input or      | US-PGPUB;           |                  |
| ]        | ]     | output or port))) and (cross\$1bar or (cross near3  | EPO; JPO;           |                  |
| i        |       | bar)) and (pi\$1loss) and semiconductor             | DERWENT;            |                  |
|          |       | •   | IBM_TDB             |                  |
| <u>-</u> | 2     | ((,   | USPAT;              | 2002/12/05 10:19 |
|          | ļ     | and ((expand\$3 or increas\$3) near5 (input or      | US-PGPUB;           |                  |
| i        |       | output or port))) and (cross\$1bar or (cross near3  | EPO; JPO;           |                  |
| Į.       |       | bar)) and (pi\$1loss) and (semiconductor near5      | DERWENT;            |                  |
|          | ļ į   | switch)   | IBM_TDB             |                  |
| i -      | 4     | ((000)17 01 000)10) and (11111111 111111 1111111)   | USPAT;              | 2002/12/05 10:19 |
|          | į l   | and ((expand\$3 or increas\$3) near5 (input or      | US-PGPUB;           |                  |
|          | į į   | output or port))) and (cross\$1bar or (cross near3  | EPO; JPO;           |                  |
|          |       | bar)) and (semiconductor near5 switch)              | DERWENT;            |                  |
| ì        | 10    | (/30F/17 on 30F/16) and (                           | IBM_TDB             | 2002/12/25 12 12 |
| ļ        | 10    | ((385/17 or 385/16) and (matrix near3 switch\$3)    | USPAT;              | 2002/12/05 10:40 |
|          |       | and ((expand\$3 or increas\$3) near5 (input or      | US-PGPUB;           |                  |
| }        | į l   | output or port))) and aux\$7                        | EPO; JPO;           |                  |
|          | ļ į   |   | DERWENT;            |                  |
|          | l!    |   | IBM_TDB             |                  |

| ١ | 116  | ((385/17 or 385/16) and (matrix near3 switch\$3)     | USPAT;    | 2002/12/05 10:53 |
|---|------|--|-----------|------------------|
|   |      | and ((expand\$3 or increas\$3) near5 (input or       | US-PGPUB; |                  |
|   |      | output or port))) and (cross\$6 or cross\$1connect)  | EPO; JPO; |                  |
|   |      |  | DERWENT;  |                  |
|   |      |  | IBM_TDB   |                  |
| - | 10   | (((385/17 or 385/16) and (matrix near3 switch\$3)    | USPAT;    | 2002/12/05 10:54 |
|   | i    | and ((expand\$3 or increas\$3) near5 (input or       | US-PGPUB; |                  |
|   |      | output or port))) and (cross\$6 or cross\$1connect)) | EPO; JPO; | f                |
|   |      | and aux\$7   | DERWENT;  |                  |
|   |      |  | IBM_TDB   |                  |
| - | 17   | ((385/17 or 385/16) and (matrix near3 switch\$3)     | USPAT;    | 2002/12/05 12:32 |
|   |      | and ((expand\$3 or increas\$3) near5 (input or       | US-PGPUB; |                  |
|   | i    | output or port))) and (cross-bar)                    | EPO; JPO; |                  |
|   | 1    |  | DERWENT;  |                  |
|   | -    |  | IBM_TDB   |                  |
| - | 33   | ((385/17 or 385/16) and (matrix near3 switch\$3)     | USPAT;    | 2002/12/05 12:32 |
|   |      | and ((expand\$3 or increas\$3) near5 (input or       | US-PGPUB; |                  |
|   | į    | output or port))) and (cross-bar or crossbar)        | EPO; JPO; |                  |
|   | i .  |  | DERWENT;  |                  |
|   | }    |  | IBM_TDB   |                  |
| - | 2    | ((385/17 or 385/16) and (matrix near3 switch\$3)     | USPAT;    | 2002/12/05 12:35 |
|   |      | and ((expand\$3 or increas\$3) near5 (input or       | US-PGPUB; |                  |
|   |      | output or port))) and (cross-bar or crossbar) and    | EPO; JPO; |                  |
|   |      | (pi-loss)  | DERWENT;  |                  |
|   |      |  | IBM_TDB   |                  |
| - | 3    |  | USPAT;    | 2002/12/05 12:36 |
|   |      | and ((expand\$3 or increas\$3) near5 (input or       | US-PGPUB; |                  |
|   |      | output or port))) and (cross-bar or crossbar) and    | EPO; JPO; |                  |
|   |      | (semiconductor near3 switch\$3)                      | DERWENT;  |                  |
|   |      |  | IBM_TDB   |                  |
| - | 385  | 385/19   | USPAT;    | 2002/12/05 14:47 |
|   | i    |  | US-PGPUB; |                  |
|   |      |  | EPO; JPO; |                  |
|   | }    |  | DERWENT;  |                  |
|   | ļ    |  | IBM_TDB   |                  |
| - | 3629 | 385/24   | USPAT;    | 2002/12/05 14:47 |
|   |      |  | US-PGPUB; |                  |
|   | ĺ    |  | EPO; JPO; |                  |
|   | i i  |  | DERWENT;  |                  |
|   |      |  | IBM_TDB   |                  |
| - | 2522 | 385/31   | USPAT;    | 2002/12/05 14:47 |
|   |      |  | US-PGPUB; |                  |
|   | j    |  | EPO; JPO; | ĺ                |
|   |      |  | DERWENT;  |                  |
|   | J j  |  | IBM_TDB   |                  |